

Pig CD163 molecule ELISA Kit | CD163 elisa kit

Pig Scavenger receptor cysteine-rich type 1 protein M130, CD163 ELISA Kit

CATALOG #
AAA112521

REACTIVITY
Pig

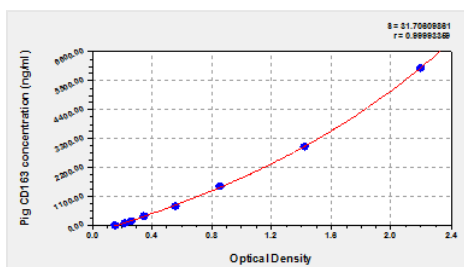
PRODUCT SYNONYMS

CD163 molecule; Pig Scavenger receptor cysteine-rich type 1 protein M130; CD163 ELISA Kit; Pig Scavenger receptor cysteine-rich type 1 protein M130 (CD163) ELISA kit; M130; MM130; CD163 antigen; macrophage-associated antigen; CD163 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig CD163. No significant cross-reactivity or interference between pig CD163 and analogues was observed.
Sequence Length	1110
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	93.75 ng/ml-6000 ng/ml
Sensitivity	< 23.4 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD163 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD163 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD163 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD163 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CD163 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47522778
NCBI GeneID	397031
NCBI Accession #	NP_999141.1
NCBI GenBank Nucleotide #	NM_213976.1
UniProt Accession #	Q2VL90; Q2VL89; Q8HY22
Molecular Weight	120,456 Da
NCBI Official Full Name	scavenger receptor cysteine-rich type 1 protein M130
NCBI Official Symbol	CD163
NCBI Protein Information	scavenger receptor cysteine-rich type 1 protein M130
UniProt Protein Name	Scavenger receptor cysteine-rich type 1 protein M130
UniProt Gene Name	CD163
UniProt Synonym Gene Names	M130; sCD163
UniProt Entry Name	C163A_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/pig-elisa-kits/cd163-molecule/112521>